

Title (en)
Automatic tool changer for a machining apparatus.

Title (de)
Automatischer Werkzeugwechsler.

Title (fr)
Changeur porte-outils automatique.

Publication
EP 0492816 A1 19920701 (EN)

Application
EP 91311097 A 19911129

Priority
JP 33682990 A 19901130

Abstract (en)
Disclosed is an improved automatic tool changer for use in a machining apparatus. The automatic tool changer is designed to cooperate with adapters (31) each carrying a tool (C) to be changed. The automatic tool changer comprises a bifurcated carrier plate (15) and means to traverse the carrier plate between a tool storage position and the spindle of the machining apparatus. The upper tool-feeding arm of the plate (15) has two support rods suspended therefrom and means to detachably hold an adapter on the vertical support rods, and the lower tool-withdrawing arm of the carrier has two upstanding support rods. <IMAGE>

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B23Q 3/155

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
• [A] DE 1652706 A1 19700108 - MUELLER MAX BRINKER MASCHF
• [A] DD 244933 C4 19880525 - HONSBURG GMBH GEB [DE]
• [A] CH 651237 A5 19850913 - SMT MACHINE CO AB
• [A] DD 238755 B1 19881026 - WERKZEUGMASCH FORSCHZENT [DD]

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